

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/092,135

DATE: 03/26/2002

TIME: 12:33:42

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Output Set: N:\CRF3\03262002\J092135.raw

3 (110) APPLICANT: Bristol-Myers Squibb Company

5 (120) TITLE OF INVENTION: POLYNUCLEOTIDE ENCODING A NOVEL HUMAN G-PROTEIN COUPLED RECEPTOR,

HGPRBMY27

8 :130> FILE REFERENCE: D0134.NP

C--> 10 <140> CURRENT APPLICATION NUMBER: US/10/092,135

C--> 10 <141> CURRENT FILING DATE: 2002-03-06

10 <150> PRIOR APPLICATION NUMBER: US 60/273,808

11 <151> PRIOR FILING DATE: 2001-03-07

13 <150> PRIOR APPLICATION NUMBER: US 60/278,983

14 -: 151> PRIOR FILING DATE: 2001-03-27

16 <160> NUMBER OF SEQ ID NOS: 75

18 <170> SOFTWARE: PatentIn version 3.0

20 <210> SEQ ID NO: 1

21 -: 211> LENGTH: 2580

22 <212> TYPE: DNA

23 <213> ORGANISM: homo sapiens

25 -: 220> FEATURE:

26 <221> NAME/KEY: CDS

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4.4	gctg	gatat	tgc	accc	ggaca	ac ti	gcto	ctgto	ccc	egee	atg	tac	aac	ggg	tcg	tgc	474
4.5											Met	Tyr	Asn	Gly	ser	Суз	
46											1				5		
48	tgc	cgc	atc	gag	ggg	gac	acc	atc	tcc	cag	gtg	atg	ccg	deg	ctg	ata	522
43	Cys	Arg	Ile	Glu	Gly	Asp	Thr	Ile	Ser	Gln	Val	Met	Pro	Pro	Leu	Leu	
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5.3	Ile	Val	Ala	Phe	Val	Leu	Gly	Ala	Leu	Gly	Asn	Gly	Val	Ala	Leu	Cys	
54			25					30					35				
56				t.t.c													618
5.7	Gly	Phe	Cys	Phe	His	Met.	Lys	Thr	Trp	Lys	Pro	Ser	Thr	Val	Tyr	Leu	
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73 Ile	Val		Leu	Thr	Val	Val		Ala	Asp	Arg	Tyr		Lys	Val	Val	
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76 cac																858
77 His	120	HIS	HIS	Ата	vaı	125	Thr	ше	ser	Thr	130	vaı	ьта	Ala	GIA	
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81 Ile	_	_		_		-	_	_		_						300
82 135	vai	Cys	1111		140	Ата	Leu	vaı	116	145	Gry	1111	vai	тут	150	
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85 Leu																331
86	Lou	014		155		0,10		01	160				001	165	014	
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89 Ser																
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92 ctg	gag	ttc	ttt	atg	ccc	ctc	ggc	atc	atc	tta	ttt	tgc	tcc	ttc	aag	1050
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94		185					190					195				
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DATE: 03/26/2002 TIME: 12:33:42

Input Set : A:\EP.txt

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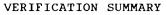
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283	Dl	50	Dla -	172 -	\( - +	*	55	m	<b>a</b>	<b>01</b>	<b>-1</b> .	60	**. 1	<b></b>	<b>3 7</b> - 4	D1.
		val	Pne	HIS	Met	Arg 70	Pro	Trp	ser	GIY		ser	vaı	Tyr	мет	
286		T 011	71-	Tou	<b>7.</b> 1.0		Dho	T 011	Merro	17 - 1	75	mh x	T 011	Dwo	<b>7.</b> 1. 0	80
289	ASII	ьeu	ніа	цец	Ala 85	АБР	FIIC	ьеu	TYL	90	Бец	1111	ьец	PIO	95	Leu
	Tle	Phe	Тvr	Ψvr	Phe	Δsn	T.VS	Thr	Asn		Tle	Phe	Glv	Asn		Met
292	110	1110	1 7 1	100	THE	A S II	цуз	1111	105	111	110	1110	GLY	110	vai	ricc
	Cys	Lvs	Leu		Arg	Phe	Tle	Phe		Val	Asn	Leu	Tvr		Ser	Tle
295	-1-	-1-	115		5			120				200	125		001	
	Leu	Phe		Thr	Cys	Ile	Ser		His	Ara	Tvr	Thr		Val	Val	His
298	·	130	•				135				- 4 -	140	1			
	Pro		Lys	Ser	Leu	Gly		Leu	Lys	Lys	Lys		Ala	Val	Tyr	Val
	145		-			150	_		-	-	155				•	160
		Ser	Leu	Val	Trp		Leu	Val	Val	Ala		Ile	Ala	Pro	Ile	
304					165					170					175	
306	Phe	Tyr	Ser	Gly	Thr	Gly	Val	Arg	Arg	Asn	Lys	Thr	Ile	Thr	Cys	Tyr
307				180					185					190		

RAW SEQUENCE LISTING DATE: 03/26/2002 PATENT APPLICATION: US/10/092,135 TIME: 12:33:42

Input Set : A:\EP.txt

309	Asp	Thr	Thr 195	Ala	Asp	Glu	Tyr	Leu 200	Arg	Ser	Tyr	Phe	Val 205	Tyr	Ser	Met
	Cys	Thr 210		Val	Phe	Met	Phe 215		Ile	Pro	Phe	Ile 220		Ile	Leu	Gly
	Cys 225	Tyr	Gly	Leu	Ile	Val 230	Lys	Ala	Leu	Ile	Tyr 235	Lys	Asp	Leu	Asp	Asn 240
318 319	Ser	Pro	Leu	Arg	Arg 245	Lys	Ser	Ile	Tyr	Leu 250	Val	Ile	Ile	Val	Leu 255	Thr
322		Phe		260					265				_	270		
325		Arg	275			_		280					285			
328	_	290		_			295				_	300				Leu
331	305	Ser				310					315			_		320
334		Arg			325					330					335	
337		Asn		340		-			345		Thr	Leu	Asn	11e 350	Leu	Thr
340		Tyr	355			Gly	Asp	Thr 360	Ser	Leu						
		O> SE														
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344	<212	2> TY	PE:	PRT												
345		3> OF		ISM:		EAGR	IS G	ALLOI	PAVO							
345 347	<400	O> SE	EQUE	ISM: NCE:	4											
345 347 349 350	<400 Met 1	0> SE Thr	EQUEI Glu	ISM: NCE: Ala	4 Leu 5	Ile	Ser	Ala	Ala	10					15	Glu
345 347 349 350 352 353	<400 Met 1 Leu	D> SI Thr Leu	EQUEN Glu Ala	ISM: NCE: Ala Gly 20	4 Leu 5 Gly	Ile Trp	Ser Ala	Ala Ala	Ala Gly 25	10 Asn	Ala	Ser	Thr	Lys 30	15 Cys	Ser
345 347 349 350 352 353 355 356	<pre>.:400 Met 1 Leu Leu</pre>	D> SE Thr Leu Thr	EQUEN Glu Ala Lys 35	ISM: NCE: Ala Gly 20 Thr	4 Leu 5 Gly	Ile Trp Phe	Ser Ala Gln	Ala Ala Phe 40	Ala Gly 25 Tyr	10 Asn Tyr	Ala Leu	Ser Pro	Thr Thr 45	Lys 30 Val	15 Cys Tyr	Ser Ile
345 347 349 350 352 353 355 356 358 359	Met 1 Leu Leu Leu	<pre>D&gt; SI Thr Leu Thr Val 50</pre>	EQUEN Glu Ala Lys 35 Phe	ISM: NCE: Ala Gly 20 Thr	4 Leu 5 Gly Gly	Ile Trp Phe Gly	Ser Ala Gln Phe 55	Ala Ala Phe 40 Leu	Ala Gly 25 Tyr	10 Asn Tyr Asn	Ala Leu Ser	Ser Pro Val 60	Thr Thr 45 Ala	Lys 30 Val	15 Cys Tyr Trp	Ser Ile Met
345 347 349 350 352 353 355 356 358 359 361 362	Met 1 Leu Leu Leu Phe 65	D> SE Thr Leu Thr Val 50 Val	EQUENCE Glu Ala Lys 35 Phe	ISM: NCE: Ala Gly 20 Thr Ile	4 Leu 5 Gly Gly Thr	Ile Trp Phe Gly Arg 70	Ser Ala Gln Phe 55 Pro	Ala Ala Phe 40 Leu Trp	Ala Gly 25 Tyr Gly Ser	10 Asn Tyr Asn Gly	Ala Leu Ser Ile 75	Ser Pro Val 60 Ser	Thr Thr 45 Ala Val	Lys 30 Val Ile Tyr	15 Cys Tyr Trp Met	Ser Ile Met Phe 80
345 347 349 350 352 353 355 356 358 361 362 364 365	<pre> &lt;400 Met 1 Leu Leu Leu Phe 65 Asn</pre>	D> SI Thr Leu Thr Val 50 Val Leu	EQUENCE Glu Ala Lys 35 Phe Phe Ala	ISM: NCE: Ala Gly 20 Thr Ile His	4 Leu 5 Gly Gly Thr Met	Ile Trp Phe Gly Arg 70 Asp	Ser Ala Gln Phe 55 Pro	Ala Ala Phe 40 Leu Trp Leu	Ala Gly 25 Tyr Gly Ser	10 Asn Tyr Asn Gly Val 90	Ala Leu Ser Ile 75 Leu	Ser Pro Val 60 Ser Thr	Thr Thr 45 Ala Val Leu	Lys 30 Val Ile Tyr	15 Cys Tyr Trp Met Ala 95	Ser Ile Met Phe 80 Leu
345 347 349 350 352 353 355 356 361 362 364 365 367 368	<pre>.&lt;400 Met 1 Leu Leu Leu Phe 65 Asn Ile</pre>	D> SI Thr Leu Thr Val 50 Val Leu	EQUENCE Glu  Ala  Lys 35 Phe Phe Ala  Tyr	ISM: NCE: Ala Gly 20 Thr Ile His Leu Tyr 100	Leu 5 Gly Gly Thr Met Ala 85 Phe	Ile Trp Phe Gly Arg 70 Asp Asn	Ser Ala Gln Phe 55 Pro Phe Lys	Ala Ala Phe 40 Leu Trp Leu Thr	Ala Gly 25 Tyr Gly Ser Tyr Asp 105	10 Asn Tyr Asn Gly Val 90 Trp	Ala Leu Ser Ile 75 Leu Ile	Ser Pro Val 60 Ser Thr	Thr Thr 45 Ala Val Leu Gly	Lys 30 Val Ile Tyr Pro Asp 110	15 Cys Tyr Trp Met Ala 95 Val	Ser Ile Met Phe 80 Leu Met
345 347 349 350 352 353 355 356 361 362 364 365 368 370 371	<pre>&lt;400 Met 1 Leu Leu Leu Phe 65 Asn Ile Cys</pre>	D> SI Thr Leu Thr Val 50 Val Leu Phe	EQUENCE Glu  Ala  Lys 35 Phe Phe Ala  Tyr  Leu 115	ISM: NCE: Ala Gly 20 Thr Ile His Leu Tyr 100 Gln	Leu 5 Gly Gly Thr Met Ala 85 Phe Arg	Ile Trp Phe Gly Arg 70 Asp Asn Phe	Ser Ala Gln Phe 55 Pro Phe Lys Ile	Ala Ala Phe 40 Leu Trp Leu Thr	Ala Gly 25 Tyr Gly Ser Tyr Asp 105 His	10 Asn Tyr Asn Gly Val 90 Trp	Ala Leu Ser Ile 75 Leu Ile Asn	Ser Pro Val 60 Ser Thr Phe Leu	Thr Thr 45 Ala Val Leu Gly Tyr 125	Lys 30 Val Ile Tyr Pro Asp 110 Gly	15 Cys Tyr Trp Met Ala 95 Val	Ser Ile Met Phe 80 Leu Met
345 347 349 350 352 353 355 356 358 361 362 364 365 367 368 370 371 373 374	<pre>&lt;400 Met 1 Leu Leu Leu Phe 65 Asn Ile Cys Leu</pre>	D> SETHER THE Leu The Val 50 Val Leu Phe Lys Phe 130	EQUENCE Glu Ala Lys 35 Phe Phe Ala Tyr Leu 115 Leu	ISM: NCE: Ala Gly 20 Thr Ile His Leu Tyr 100 Gln Thr	Leu 5 Gly Gly Thr Met Ala 85 Phe Arg Cys	Ile Trp Phe Gly Arg 70 Asp Asn Phe	Ser Ala Gln Phe 55 Pro Phe Lys Ile Ser 135	Ala Phe 40 Leu Trp Leu Thr Phe 120 Val	Ala Gly 25 Tyr Gly Ser Tyr Asp 105 His	10 Asn Tyr Asn Gly Val 90 Trp Val Arg	Ala Leu Ser Ile 75 Leu Ile Asn Tyr	Ser Pro Val 60 Ser Thr Phe Leu Thr 140	Thr 45 Ala Val Leu Gly Tyr 125 Gly	Lys 30 Val Ile Tyr Pro Asp 110 Gly Val	15 Cys Tyr Trp Met Ala 95 Val Ser	Ser Ile Met Phe 80 Leu Met Ile His
345 347 349 350 352 353 355 356 358 361 362 364 365 367 368 370 371 373 374 376 377	<pre>.&lt;400 Met 1 Leu Leu Leu Phe 65 Asn Ile Cys Leu Pro 145</pre>	D> SETHER THE Leu The Val 50 Val Leu Phe Lys Phe	EQUENCE Glu Ala Lys 35 Phe Phe Ala Tyr Leu 115 Leu Lys	ISM: NCE: Ala Gly 20 Thr Ile His Leu Tyr 100 Gln Thr	Leu 5 Gly Gly Thr Met Ala 85 Phe Arg Cys Leu	Trp Phe Gly Arg 70 Asp Asn Phe Ile Gly 150	Ser Ala Gln Phe 55 Pro Phe Lys Ile Ser 135 Arg	Ala Phe 40 Leu Trp Leu Thr Phe 120 Val Leu	Ala Gly 25 Tyr Gly Ser Tyr Asp 105 His Lys	10 Asn Tyr Asn Gly Val 90 Trp Val Arg Lys	Ala Leu Ser Ile 75 Leu Ile Asn Tyr Lys 155	Ser Pro Val 60 Ser Thr Phe Leu Thr 140 Asn	Thr Thr 45 Ala Val Leu Gly Tyr 125 Gly Ala	Lys 30 Val Ile Tyr Pro Asp 110 Gly Val	15 Cys Tyr Trp Met Ala 95 Val Ser Val	Ser Ile Met Phe 80 Leu Met Ile His



PATENT APPLICATION: US/10/092,135

DATE: 03/26/2002

TIME: 12:33:43

Input Set : A:\EP.txt

Output Set: N:\CRF3\03262002\J092135.raw

L:10~M:270~C: Current Application Number differs, Replaced Current Application No

L:10 M:271 C: Current Filing Date differs, Replaced Current Filing Date